



Organic Solutions
For a Healthier World

Certifications

Humic Growth Solutions

Liquid Humic Acid is: listed by ;

OMRI and WSDA



112 Badger Park Drive
Jacksonville, Florida 32259

PH: 904.329.1012

FAX: 904.329.1876

info@humicgrowthsolutions.com

Diamond-Grow Organic 100% Soluble Spray Dried Powder - 95% Humic Acid

Description

Humic Growth Solution's *Diamond-Grow* Organic Soluble Powder is an entirely soluble product that dissolves readily in water to create liquid humic solutions. It contains both humic and Fulvic acids. Unlike fertilizers, it works to not only benefit the plant now, but also improves soil conditions over time, (sustainability). It is made from a naturally occurring humus that is rich in humified organic matter, humic and Fulvic acids, with the lowest impurity levels.

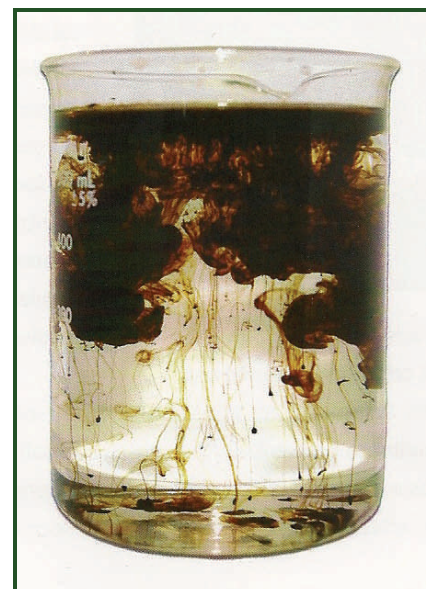


All of our products are backed by scientific research proving effectiveness. We continually perform quality control testing to insure the highest quality and consistency for all of our products.

100% naturally organic, our *Diamond-Grow* 100% Soluble Powder is classed as a non-hazardous material and have the lowest toxicity values. It may be used in dry or liquid form as a soil amendment, foliar spray or fertilizer enhancer.

Benefits

- Completely Water Soluble
- 95% Humic and Fulvic Acids Content
- Use as Dry or Liquid
- Great for Fertigation or Seed Treatment
- Reduced Shipping Cost
- Natural Chelating Agent



Discover the benefits





Organic Solutions
For a Healthier World

Other Applications

- Hydro Seeding
- Turf
- Horticulture
- Green Houses
- Hydroponics
- Nursery
- Ornamentals
- Orchards
- Soil Remediation
- Deep Root Treatment
- Encapsulation
- Hydrocarbon Flushing

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Diamond-Grow™ Organic 100% Soluble Spray Dried Powder - 95% Humic Acid

Additional Information

Our Diamond Grow™ Dry Soluble Powder is ideal for use on all soils and plants under all conditions. The Humic and Fulvic acids in our Dry Soluble Powder act as natural chelating agents binding to nutrients in the soil. Plant roots absorb these humic acid-nutrient compounds effectively increasing the efficiency of plants' uptake of nutrients and decreasing nutrient losses caused by leaching. In combination with fertilization, it allows you to get the most out of your fertilization program and may even reduce the amount of nutrients applied. It will contribute to improving soil quality, texture, water holding capacity (retention) and sustainability, while breaking down clay lattices and reducing sodium build up in soils.

By using a dry soluble product, you can make small liquid batches when/where needed, storage and handling is much simpler and cost efficient.

Application Rates:

Diamond Grow™ 100% Soluble Powder may be used in dry or liquid form. It is 100% water soluble, compatible with most products and easy to incorporate into your existing liquid program. Soil/ lab tests are recommended for the most accurate application rates. When mixing Diamond Grow™ Soluble Powder with other products, always be sure to read the product label and follow the mixing directions (a small compatibility test is also recommended). To make a 12% liquid solution we recommend using a simple venturi pump and tank mixing system.



Easy 3 Step Mixing and Application Instructions:

STEP 1 - Mix 1 pound of Diamond Grow™ Soluble Powder with 1 US gallon of water to make 1 gallon of 12% Humic Concentrate.

STEP 2 - Further dilute the mixed 12% Humic Concentrate with 15 to 25 gallons of water (depending on your application requirements).

STEP 3 - Apply 1 to 3 pounds of Diamond Grow™ Soluble Powder (gallons of reconstituted Diamond Grow™ Humic Concentrate) per acre per growing cycle. Further diluting with 15 to 25 gallons of water depending on your specific soil, crop and spray apparatus.

Turf Applications;

Apply 3 to 5 pounds of Diamond Grow™ Soluble Powder (gallons of reconstituted Diamond Grow™ Humic Concentrate) per acre in four to six applications per year growing cycle. Further diluting with 15 to 25 gallons of water depending on spray apparatus.

Disclaimer; This product may not be available for purchase or authorized for use in every state. In addition, some states, countries and cities may require special licensing and training to sell, purchase or apply the product presented in this brochure. It is the responsibility of the distributor, retailer or professional applicator to verify before product sale/ purchase, that the product is approved for the use intended in their city, state and country.

A & L WESTERN AGRICULTURAL LABORATORIES

1311 WOODLAND AVE #1 • MODESTO, CALIFORNIA 95351 • (209) 529-4080 • FAX (209) 529-4736



REPORT NUMBER: 11-180-137 AMENDED

CLIENT: 9999-D

SUBMITTED BY: JAMES MERRITT

SEND TO: HUMIC GROWTH SOLUTIONS
112 BADGER PARK DR
JACKSONVILLE, FL 32259-

CUSTOMER:

DATE OF REPORT: 08/30/11

FERTILIZER AND LIME ANALYSIS REPORT

PAGE: 1

Sample Identification	Lab Number	Nitrogen % N	Total Phosphate % P ₂ O ₅	Potash % K ₂ O	Sulfur % S	Zinc % Zn	Available Phosphate P ₂ O ₅	Non-Ortho Phosphate % of Total P ₂ O ₅	Sulfate Sulfur %	Calcium % Ca	Magnesium % Mg	Calcium Carbonate Equiv. % CaCO ₃	FE %	MN %	CU %	B %
DIAMOND GROW	20132	1.28	<0.01	18.96		<.001	<0.01			0.31	0.03		0.37	0.004	0.005	0.003

REMARKS: Humic Acid (A&L) = 95.00 %

Full Name of Product:

Diamond Grow Organic 100% Soluble Spray Dried Powder 95% Humic Acid

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This report applies only to the sample(s) tested. Samples are retained a maximum of thirty days after testing.

Robert Butterfield
A & L WESTERN LABORATORIES, INC.

A & L WESTERN AGRICULTURAL LABORATORIES, INC.

1311 Woodland Avenue, Suite 1 • Modesto, California 95351 • (209) 529-4080

Report No: 11-164-031

Account No: 9999-D



Send to: HUMIC GROWTH SOLUTIONS
12 BADGER PARK DRIVE
JACKSONVILLE, FL 32259

Lab Number: 27875

Sample ID: Diamond Grow

Date Received: 06/13/2011
Date Reported: 06/22/2011

NON-NUTRITIVE METALS

Sample Preparation Method: EPA SW846-3050B

Detection Limit mg/kg	Analyte	Level Found mg/kg	Method Reference
0.5	Arsenic	BDL	EPA SW846-6010
0.1	Cadmium	0.1	EPA SW846-6010
0.1	Cobalt	0.2	EPA SW846-6010
1.2	Lead	BDL	EPA SW846-6010
1.0	Molybdenum	BDL	EPA SW846-6010
0.1	Nickel	0.7	EPA SW846-6010
5.5	Selenium	BDL	EPA SW846-6010
0.1	Zinc	3.3	EPA SW846-6010
0.05	Mercury	BDL	EPA SW846-7471A
0.1	Copper	1.3	EPA SW846-6010

BDL - INDICATES THE LEVEL FOUND IS BELOW THE ESTABLISHED DETECTION LIMIT FOR THAT ANALYTE.
ANALYZED ON AN AS RECEIVED BASIS

A & L Western Agricultural Laboratories

Robert Butterfield
Laboratory Director



OMRI Listed®

The following product is OMRI Listed. It may be used in certified organic production or food processing and handling according to the USDA National Organic Program Rule.

Product

Diamond Grow Organic 100% Soluble Spray Dried Humic Powder

Company

Humic Growth Solutions
James Merritt
112 Badger Park Drive
Jacksonville, FL 32259

Status

Allowed

Category

Humic Acids – alkali extracted

Issue Date

09-Aug-11

Product number

hgs-2635

Class

Crop Fertilizers and Soil Amendments

Expiration Date

01-Sep-2012

Restrictions

Not Applicable.

Executive Director

Product review is conducted according to the policies in the current OMRI Policy Manual and based on the standards in the current OMRI Standards Manual.

To verify the current status of this or any OMRI Listed product, view the most current version of the OMRI Products List at www.omri.org.

OMRI listing is not equivalent to organic certification and is not a product endorsement. It cannot be construed as such.

Final decisions on the acceptability of a product for use in a certified organic system are the responsibility of a USDA accredited certification agent.

It is the operator's responsibility to properly use the product, including following any restrictions.



Organic Materials Review Institute
P.O. Box 11558, Eugene, OR 97440-3758, USA
541.343.7600 • fax 541.343.8971 • info@omri.org • www.omri.org



Washington State

Department of Agriculture

PO Box 42560, Olympia, WA 98504-2560 Ph (360) 902-1877

In accordance with Chapter 15.86 RCW and Chapter 16-160 WAC this

MATERIAL REGISTRATION CERTIFICATE

is issued to

North American Trading Group, Inc.
DBA: HUMIC GROWTH SOLUTIONS
112 Badger Park Drive
Jacksonville, FL 32259

The products listed below have been verified to comply with the USDA National Organic Standards (7 CFR Part 205):

Table with 5 columns: #, Product Name, Sub-Type, Type*, Annotations. Contains 3 rows of product registration data.

*Types: CPA - Crop Production Aid, D & PC - Disease & Pest Control, F & SA - Fertilizer & Soil Amendment, LPA - Livestock Production Aid, P & H - Processing & Handling

Issue date: February 21, 2012
Registration valid through October 31, 2012

Brenda Book (handwritten signature)

Brenda Book
Organic Program Manager
DEPARTMENT OF AGRICULTURE

AGR 2291 (R/9/11)



ATTESTATION

for inputs in conformity with (EC) 834/2007 & 889/2008 regulation

Attestation reference: 7980US1100n1e -
Number of products: 3

This attestation is issued to the operator below:

HUMIC GROWTH SOLUTIONS
112 Badger Park Drive - Jacksonville, FL
USA

Ecocert SA confirms after inspection that the following products:

PRODUCT NAME	CATEGORY	STATUS
Ful-Grow Gold	Soil conditioner	EU 889/2008 allowed
Diamond Grow Soluble Humic Acid	Soil conditioner	EU 889/2008 allowed
Diamond Grow Liquid Humic Acid	Soil conditioner	EU 889/2008 allowed

comply with (EC) n° 834/2007 & 889/2008 regulation



Input Service Manager
Esther DEL POZO

Issue date, in L'Isle Jourdain: 20/01/2012
Expiry date: 31/12/2012

**This document belongs to Ecocert. It has to be returned on request.
Only the original is valid, until the expiry date of the attestation or the termination of the attestation contract.**

ATTESTATION

for inputs in conformity with US National Organic Program (NOP)

Attestation reference: 7980US1100n2e -
Number of products: 3

This attestation is issued to the operator below:

HUMIC GROWTH SOLUTIONS
112 Badger Park Drive - Jacksonville, FL
USA

Ecocert SA confirms after inspection that the following products are approved for use in NOP organic production:

PRODUCT NAME	CATEGORY	STATUS
Ful-Grow Gold	Soil conditioner	NOP allowed
Diamond Grow Soluble Humic Acid	Soil conditioner	NOP allowed
Diamond Grow Liquid Humic Acid	Soil conditioner	NOP allowed



Input Service Manager
Esther DEL POZO

Issue date, in L'Isle Jourdain: 20/01/2012
Expiry date: 31/12/2012

**This document belongs to Ecocert. It has to be returned on request.
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MATERIAL SAFETY DATA SHEET

Revision Date: 04-Aug-2011

1. PRODUCT INFORMATION

Product Identifier:	Diamond-Grow Organic 100 % Water Soluble Spray Dried Humic Powder
CAS#:	68514-28-3
Supplier's Name:	Humic Growth Solutions
Address:	112 Badger Park Drive
City:	Jacksonville
State:	Florida, USA
Zip Code:	32259
Emergency Telephone Number:	904-329-1012

2. HAZARDOUS INGREDIENTS

The product can contain crystalline silica.

3. PHYSICAL DATA

Physical State:	Solid
Odor:	Odorless
Odor Threshold:	Not applicable
Vapor Pressure:	Negligible
Vapor Density:	Not applicable
Evaporation Rate:	Not applicable
Boiling Point:	Not applicable
pH:	9.55 (6.34 % solution)
Appearance:	Blackish/brown
Bulk Density:	965 kg/m ³
Coefficient of Water/Oil Distribution:	Not available - product may contain up to 10% moisture.
Percent Volatile (non-water):	0%
Moisture Variation:	The product may lose (or gain) moisture over time, dependent on humidity and temperature conditions.

4. FIRE AND EXPLOSION HAZARD

Flammability:	Not considered a fire hazard.
Means of Extinction:	Use media appropriate for surrounding fire.
Special Procedures:	Use protective clothing and breathing equipment appropriate for surrounding fire.
Irritability of Product:	Dust causes irritation. Skin contact and ingestion are not considered hazardous.
Sensitization to Products:	Negligible.
Dust Explosion Hazard:	Not considered an explosion hazard.
Minimum Ignition Temperature:	Not considered a fire hazard.
Minimum Explosive Concentration:	Not considered an explosion hazard.
MIE:	Not applicable.
Hazard Combustion Products:	Not applicable.
Explosion Data:	Not sensitive.
Susceptibility to Spontaneous Heating/Combustion:	Not applicable.

5. REACTIVITY DATA

Chemical Stability:	The product is stable under ambient conditions.
Incompatibility with Other Substances:	Non-reactive.
Reactivity:	Not applicable
Hazardous Decomposition Products:	Not applicable

6. TOXICOLOGICAL PROPERTIES

Route of Entry:	Inhalation
Effects of Acute Exposure to Product:	Airborne respirable dust may cause irritation to nose, throat, and lungs. Dust particles may irritate the eyes and impair vision.
Effects of Chronic Exposure to Product:	Prolonged and/or repeated exposure via inhalation may result in progressive and permanent lung disorders and damage. Dust has been related to silicosis.
Irritability of Product:	Skin contact are not considered hazardous.
Sensitization to Products:	Negligible.
Carcinogenicity:	Not considered a human carcinogen.
Teratogenicity:	Not established.
Reproductive Toxicity:	Not established
Mutagenicity:	Not established.
Synergistic Products:	None established.

7. PREVENTATIVE MEASURES

Personal Protective Equipment:	An approved respirator equipped with a dust filter, approved for silica bearing dust, should be worn when exposed to the product under dust generating conditions. Disposable units are normally satisfactory for short-term or intermittent exposure. The use of additional personal protective equipment varies with severity of conditions. Safety goggles, coveralls and protective footwear are recommended when handling bulk quantities of the product.
Engineering Controls:	Local exhaust ventilation and confinement of handling systems may be required to control exposure to dust.
Leak and Spill Procedure:	Take steps to control product discharge to the environment. Notify appropriate authorities and arrange for recovery of spilled material.
Waste Disposal:	Ensure waste material is disposed of in accordance with applicable environmental regulations, including local requirements.
Handling Procedures and Equipment:	Minimize generation of dust during handling. Provide adequate ventilation. Be aware of dust explosion hazard.
Storage Requirements:	Store in dry place. Keep product containers closed or covered where possible.
DOT Classification:	Not Classified.

8. FIRST AID MEASURES

Inhalation:

Inhalation of dust alone is unlikely to result in an emergency situation. If necessary, use adequate respiratory protection and remove victim to fresh air. Get prompt medical attention if breathing difficulty is evident.

Eye Contact:

Flush eyes with large amounts of water to remove residual dust particles. Get medical attention if irritation persists.

Skin Contact, Ingestion:

First aid is usually not necessary.

9. PREPARATION

Prepared by:
Phone Number:
Fax Number:
Reviewed by:
Effective Date:

Humic Growth Solutions Laboratory
904-329-1012
904-329-1876
Dr. Sangjoon Kim
August 2011